DIKE, BRONSTEIN, F	ROBERTS	& CUSHMAN, L	L
130 Water Street		. *	
Boston, Massachusetts	02109		

Attorney's Docket	No.	
-------------------	-----	--

Page 1 of :

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that: My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed at 201) below or an original, first and joint inventor (if plural names are listed at 201-208 below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

	LIQUID	CRYST	AL DISPLAY	DEVICE	AND	METHOD	FOR	PRODUCING	THE	SAME
	which is descr	ibed and	claimed in:		-					,
		×	the specification	attached he	reto.					
			the specification	in U.S. Ap	plicatio	on Serial Nu	ımber _		, filed (on
e O M			the specification filed or	in PCT int	ernation	nal applicati ; and was a	on Nur mendec	nber i on		

I have reviewed and understand the contents of the above identified specification, including the claims as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a). I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that o the application on which priority is claimed.

Prior Foreign/PCT Applications and Any Priority Claims Under 35 U.S.C. 119:						
Application No.	Filing Date	Country	Priority Claimed Under 35 U.S.C. 119?			
9-071029	25,03,1997	Japan	₩YES □NO			
			□YES □NO			
			□YES □NO			
			□YES □NO			
			□YES □NO			
			□YES □NO			
		·	□YES □NO			

V

I hereby claim the benefit under 35 U.S.C. §120 of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below, and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose material information as defined in 37 CFR §1.56(a) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application:

ions or PC1 internation	Juliu 1-pp	St	atus (Check	One)
U.S. Application	ns		1	Abandoned
Serial No.	U.S. Filing Date	Patenteu	1 Citembre	
-3.			ļ	
		-		
T Applications Design	ating the U.S.		Τ	
	U.S. Serial No. Assigned			
Thing Dave				
				<u> </u>
				
	U.S. Application	U.S. Applications Serial No. U.S. Filing Date T Applications Designating the U.S.	U.S. Applications Serial No. U.S. Filing Date Patented T Applications Designating the U.S.	Serial No. U.S. Filing Date Patented Pending Patented Pending Patented Pending Patented Pending

CLAIM FOR BENEFIT OF PRIOR U.S. PROVISIONAL APPLICATION(S) (35 U.S.C. § 119(e))

	BENEFIT OF PRIOR U.S. PROVISIONAL APPL (35 U.S.C. § 119(e))	
I hereby claim the benefit unc	der Title 35, United States Code, §119(e) of any United	ed States provisional application(s)
Applicant	Provisional Application Number	Filing Date
App		

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) with full powers of association, substitution and revocation to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

therewith.		(Reg. No. 31,003)	David 3, resilient	(Reg. No. 34,235) (Reg. No. 33,860)
David G. Conlin	Ronald I. Eisenstein	(Reg. No. 30,628)	Peter F. Corless	(Reg. 100. 551521)

BEST AVAILABLE COPY

BEST AVAILABLE COPY

DIRECT TELEPHONE CALLS TO: SEND CORRESPONDENCE TO: Dike, Bronstein, Roberts & Cushman, LLP (617) 523-3400 130 Water Street Boston, Massachusetts 02109 MIDDLE NAME FIRST NAME LAST NAME FULL NAME Yasuhiro OF INVENTOR MATSUSHIMA COUNTRY OF CITIZENSHIP STATE OR FOREIGN COUNTRY Nara-ken Japan RESIDENCE & Japan 2 CITIZENSHIP Kashihara-shi STATE OR COUNTRY AND ZIP CODE Nara-ken Japan 634-0842 CITY POST OFFICE ADDRESS Kashihara-shi POST OFFICE 126-78, Toyoda-cho, ADDRESS MIDDLE NAME FIRST NAME LAST NAME FULL NAME Takashi OF INVENTOR COUNTRY OF CITIZENSHIP OTAR STATE OR FOREIGN COUNTRY Japan CITY RESIDENCE & Nara-ken Japan Tenri-shi CITIZENSHIP STATE OR COUNTRY AND ZIP CODE Nara-ken Japan 632-0004 POST OFFICE ADDRESS POST OFFICE Tenri-shi Raport Tenri 746, 2613-1,Ichinomoto-cho, ADDRESS MIDDLE NAME FIRST NAME LAST NAME FULL NAME OF INVENTOR COUNTRY OF CITIZENSHIP STATE OR FOREIGN COUNTRY CITY RESIDENCE & CITIZENSHIP STATE OR COUNTRY AND ZIP CODE CITY POST OFFICE ADDRESS POST OFFICE ADDRESS MIDDLE NAME FIRST NAME LAST NAME FULL NAME OF INVENTOR COUNTRY OF CITIZENSHIP STATE OR FOREIGN COUNTRY RESIDENCE & CITY CITIZENSHIP STATE OR COUNTRY AND ZIP CODE CITY POST OFFICE ADDRESS POST OFFICE ADDRESS

_		LAST NAME	FIRST NAME	MIDDLE NAME
	OF INVENTOR	LAST NAME		
				COUNTRY OF CITIZENSHIP
2		CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CHIZENSHIP
5	CITIZENSHIP			
	POST OFFICE	POST OFFICE ADDRESS	СПУ	STATE OR COUNTRY AND ZIP CODE
	ADDRESS			
				Luppis vale
	FULL NAME	LAST NAME	FIRST NAME	MIDDLE NAME
	OF INVENTOR			
2	RESIDENCE &	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
0	CITIZENSHIP			
6			CITY CONTRACTOR OF THE CONTRAC	STATE OR COUNTRY AND ZIP CODE
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	СПУ	
	ADDRESS			
	<u></u>			
-	FULL NAME	LAST NAME	FIRST NAME	MIDDLE NAME
	OF INVENTOR			
			STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
0	RESIDENCE &	СІТҮ	STATE ON TONDER	
7				TIP CODE
	POST OFFICE	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY AND ZIP CODE
ļ		1031 Office Apparent	e	
l	ADDRESS	POST OFFICE ABORDS	C.I.	
_		Trost of the Abouts		
	ADDRESS		FIRST NAME	MIDDLE NAME
		LAST NAME		MIDDLE NAME
	ADDRESS FULL NAME	LAST NAME	FIRST NAME	
2	FULL NAME OF INVENTOR	LAST NAME		MIDDLE NAME COUNTRY OF CITIZENSHIP
2 0 8	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	COUNTRY OF CITIZENSHIP
2	FULL NAME OF INVENTOR RESIDENCE & CITIZENSHIP	LAST NAME CITY	FIRST NAME	
2	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP

I hereby further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Signature of Inventor 201 Matsushima	Signature of Inventor 202 Takashi Lato
Date: March 10, 1998	Date: March 10, 1998

ASSIGNMENT

WHEREAS, The ASSIGNOR, comprising the following named inventor(s):

- Yasuhiro MATSUSHIMA; 126-78, Toyoda-cho,
 Kashihara-shi, Nara-ken Japan
- 2. Takashi SATO; Raport Tenri 746, 2613-1,
 Ichinomoto-cho, Tenri-shi,
 Nara-ken Japan

has invented and owns a certain invention entitled:

LIQUID CRYSTAL DISPLAY DEVICE AND METHOD FOR PRODUCING THE SAME

for which application for Letters Patent of the United States was executed on even date herewith, and

WHEREAS, the ASSIGNEE:

SHARP KABUSHIKI KAISHA 22-22, Nagaike-cho, Abeno-ku, Osaka 545-8522 Japan

is desirous of acquiring the entire interest in, to and under said invention and the United States Letters Patent to be obtained therefor;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration of the payment by ASSIGNEE to ASSIGNOR of the sum corresponding to One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the full and exclusive right, title and interest to said invention and all Letters Patent of the United States to be obtained therefor on said application or any continuation, division, renewal, substitute or reissue thereof for the full term or terms for which the same may be granted.

ASSIGNOR hereby covenants that no assignment sale agreement charge or other encumbrance has been or will be entered into which would conflict with this assignment and sale;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal promptly execute any and all papers, instruments or representative any and all papers, instruments or affidavits required to apply for, obtain, maintain and affidavits required to apply for, obtain, maintain and enforce said application, said invention and said Letters patent which may be necessary or desirable to carry out the purposes hereof.

IN WITNESS WHEREOF, the parties have hereunto set their hands and seal

this 10th day of March , 1998.

2. <u>Jakashi Satu</u> (Takashi SATO)